



# Grain Crushings and Co-Products Production

ISSN: 2377-3855

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Released April 1, 2022, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## Highlights

**January 2022** contained 31 days.

**February 2022** contained 28 days.

**Total corn consumed** for alcohol and other uses was 455 million bushels in February 2022. Total corn consumption was down 12 percent from January 2022 but up 21 percent from February 2021. February 2022 usage included 91.5 percent for alcohol and 8.5 percent for other purposes. Corn consumed for beverage alcohol totaled 4.06 million bushels, up 7 percent from January 2022 and up 47 percent from February 2021. Corn for fuel alcohol, at 405 million bushels, was down 13 percent from January 2022 but up 22 percent from February 2021. Corn consumed in February 2022 for dry milling fuel production and wet milling fuel production was 93.2 percent and 6.8 percent, respectively.

**Dry mill co-product production** of distillers dried grains with solubles (DDGS) was 1.69 million tons during February 2022, down 12 percent from January 2022 but up 20 percent from February 2021. Distillers wet grains (DWG) 65 percent or more moisture was 1.29 million tons in February 2022, down 9 percent from January 2022 but up 46 percent from February 2021.

**Wet mill corn gluten feed production** was 237,555 tons during February 2022, down 13 percent from January 2022 but up 9 percent from February 2021. Wet corn gluten feed 40 to 60 percent moisture was 190,577 tons in February 2022, down 3 percent from January 2022 but up 13 percent from February 2021.

## Dry and Wet Mill, Corn Consumed – United States: February 2022 with Comparisons

Purpose	February 2021	January 2022	February 2022
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
<b>Consumed for alcohol production</b>			
Beverage alcohol .....	2,755	3,787	4,061
Fuel alcohol .....	332,926	463,512	405,169
Dry mill .....	302,663	427,804	377,548
Wet mill .....	30,263	35,708	27,621
Industrial alcohol .....	6,684	8,238	7,119
<b>Consumed for other purposes</b>			
Total wet mill products other than fuel .....	34,022	40,836	38,464

## Dry Mill, Sorghum Consumed – United States: February 2022 with Comparisons

Purpose	February 2021	January 2022	February 2022
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
<b>Consumed for alcohol production</b>			
Fuel alcohol .....	(D)	(D)	(D)

(D) Withheld to avoid disclosing data for individual operations.

## Dry and Wet Mill, Co-products and Products Produced – United States: February 2022 with Comparisons

Co-products and products	February 2021	January 2022	February 2022
	(tons)	(tons)	(tons)
<b>Dry mill</b>			
Condensed distillers solubles (CDS - syrup) .....	92,525	100,263	103,037
Corn oil (Corn Distillers Oil - CDO) .....	117,903	175,110	154,933
Distillers dried grains (DDG) .....	262,261	356,957	303,788
Distillers dried grains with solubles (DDGS) .....	1,406,427	1,929,115	1,693,253
Distillers wet grains (DWG) 65% or more moisture .....	885,932	1,425,897	1,293,312
Modified distillers wet grains (DWG) 40% to 64% moisture .....	377,688	535,036	492,839
<b>Wet mill</b>			
Corn germ meal .....	44,416	53,504	48,016
Corn gluten feed .....	217,605	271,890	237,555
Corn gluten meal .....	97,680	102,711	78,040
Wet corn gluten feed 40% to 60% moisture .....	169,005	197,175	190,577
<b>Dry and wet mill</b>			
Carbon dioxide captured .....	182,552	229,006	227,188

## Statistical Methodology

**Survey Procedures:** *Grain Crushings and Co-Products Production* is part of the Current Agricultural Industrial Reports (CAIR) program. CAIR reports are administered under NASS's Census of Agriculture program. Response to CAIR surveys are required by law (Title 7, U.S. Code). Data are collected from all known mills that produce ethanol.

The census universe was determined during operation profile interviews which were completed for each potential facility to identify the presence of ethanol production in 2014. During the operation profile, facilities that met the survey criteria were asked for the nameplate production capacity. The operation profile also documented the manner in which the firm will report. A firm headquarters can report for all milling locations or each location can report separately.

In the Dry Mill Producers and Wet Mill Producers survey questionnaires, mills are asked for previous calendar month data on feedstocks consumed, products and co-products produced. Mills are mailed questionnaires with the options of completing the survey by mail or by Electronic Data Reporting (EDR). For surveys not received in a reasonable amount of time, telephone follow-up is conducted.

**Estimating Procedures:** Imputation is done for operations with non-response by using historical data and current data relationships. Data for reporting firms are added to estimates for non-reporting firms to obtain National totals.

**Revision Policy:** Data are revised the following month based on late reports or corrected data. Final figures are published in the annual summary of the following year.

**Reliability:** Approximately 130 reports are received each month which represent about 90 percent of total capacity. Monthly data can vary due to different firms reporting month to month. Survey data are also subject to non-sampling errors such as omissions and mistakes in reporting and in processing the data. While these errors cannot be measured directly, they are minimized by carefully reviewing all reported data for consistency and reasonableness.

## Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@usda.gov](mailto:nass@usda.gov)

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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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